

**Amendments to the Drawings**

New FIGURE 19 is added as suggested in the Office Action. Figure 19 illustrates a flow chart for the method of at least claim 4. No new matter is added.

Reference numbers in FIGURES 13-17 are amended. Amendments are made to the Specification to be consistent with the amendments to FIGURES 13-17.

Replacement sheets for FIGURE 1-18 are included with corrected sheet numbering necessitated by the addition of FIGURE 19.

No other changes are made to FIGURES 1-18. Acceptance of the replacement drawings is respectfully requested.

**Remarks**

This is a full and timely response to the outstanding Office Action mailed April 14, 2005. The Specification is amended and a Replacement Specification is provided. FIGURES 13-17 are amended and a new FIGURE 19 is added in accordance with suggestion in the Office Action. Upon entry of the amendments to the claims, claims 4, 8, 13, 16, and 17 remain pending. In particular, Applicant has amended claims 4, 8, 13, 16 and 17 in accordance with suggestion in the Office Action and has canceled claims 1-3, 5-7, 9-12, 14, 15, and 18-72 without waiver, disclaimer or prejudice. Applicant reserves the right to pursue the subject matter of the canceled claims in a continuing application, if Applicant so chooses, and does not intend to dedicate the canceled subject matter to the public.

**I. Amendments to the Drawings**

The Office Action objects to the drawings because one should be able to look at the drawings and easily understand that which is claimed. In response, Applicant adds new FIGURE 19 to illustrate steps of at least the method of claim 4. No new matter is entered. For clarity and consistency with

new FIGURE 19, reference numbers are amended in FIGURES 13-18. FIGURES 1-18 are also amended with sheet re-numbering as necessitated by the addition of FIGURE 19. No other amendments are made to the drawings. Replacement sheets 1-19 are attached formalizing the proposed amendments and new FIGURE 19. The original drawings use the "thru calibration standard" spelling convention. The "through calibration standard" spelling convention is replaced throughout the Specification. Therefore, changes to the spelling of the "thru calibration standard" in the drawings are not required. Acceptance of replacement FIGURES 1-18 and new FIGURE 19 is respectfully requested.

## **II. Amendments to the Specification**

The Office Action objects to the Specification because of the interchangeable use of "thru" calibration and "through" calibration. Amendment is made to the Specification by providing a Marked Up copy showing deletions in strike through text and additions in underlines text. In the amendments, all instances of "through" calibration are replaced with "thru" calibration. A Replacement Specification reflecting all changes made is also presented herewith. All spelling conventions used

in the Replacement Specification are consistent with the spelling conventions used in the drawings and the claims as amended. Accordingly, it is believed that all objections to the Specification are addressed and acceptance of the Replacement Specification is respectfully requested.


The Office Action rejects claims 1-3, 5-7, 9-12, 14 and 15 and objects to claims 4, 8, 13, 16 and 17 as being allowable if rewritten in independent form. All rejected and previously withdrawn claims are cancelled. Applicant amends all objected to claims to be in independent form including all the limitations of the base claim and all intervening claims. Accordingly, it is believed that all currently pending claims are in condition for allowance and allowance is solicited.

All rejections and objections are believed to be addressed in this Response. It is further believed that the present amendments to the Specification, Drawings and Claims place the present application in a condition for allowance and allowance is solicited.

If any clarifications can be made by way of telephonic interview, the Examiner is invited to contact the Undersigned.

Respectfully submitted,

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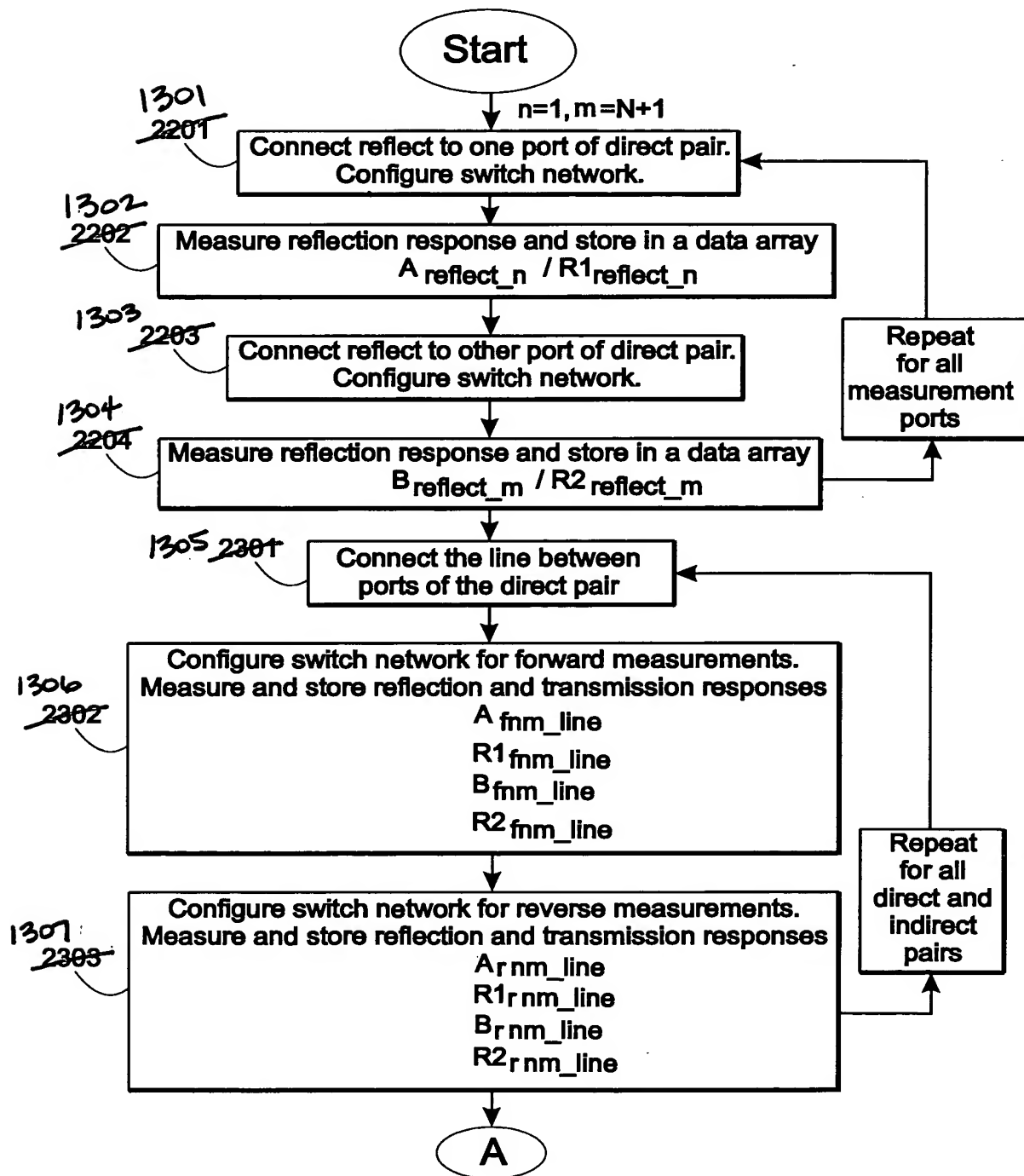


FIG. 13

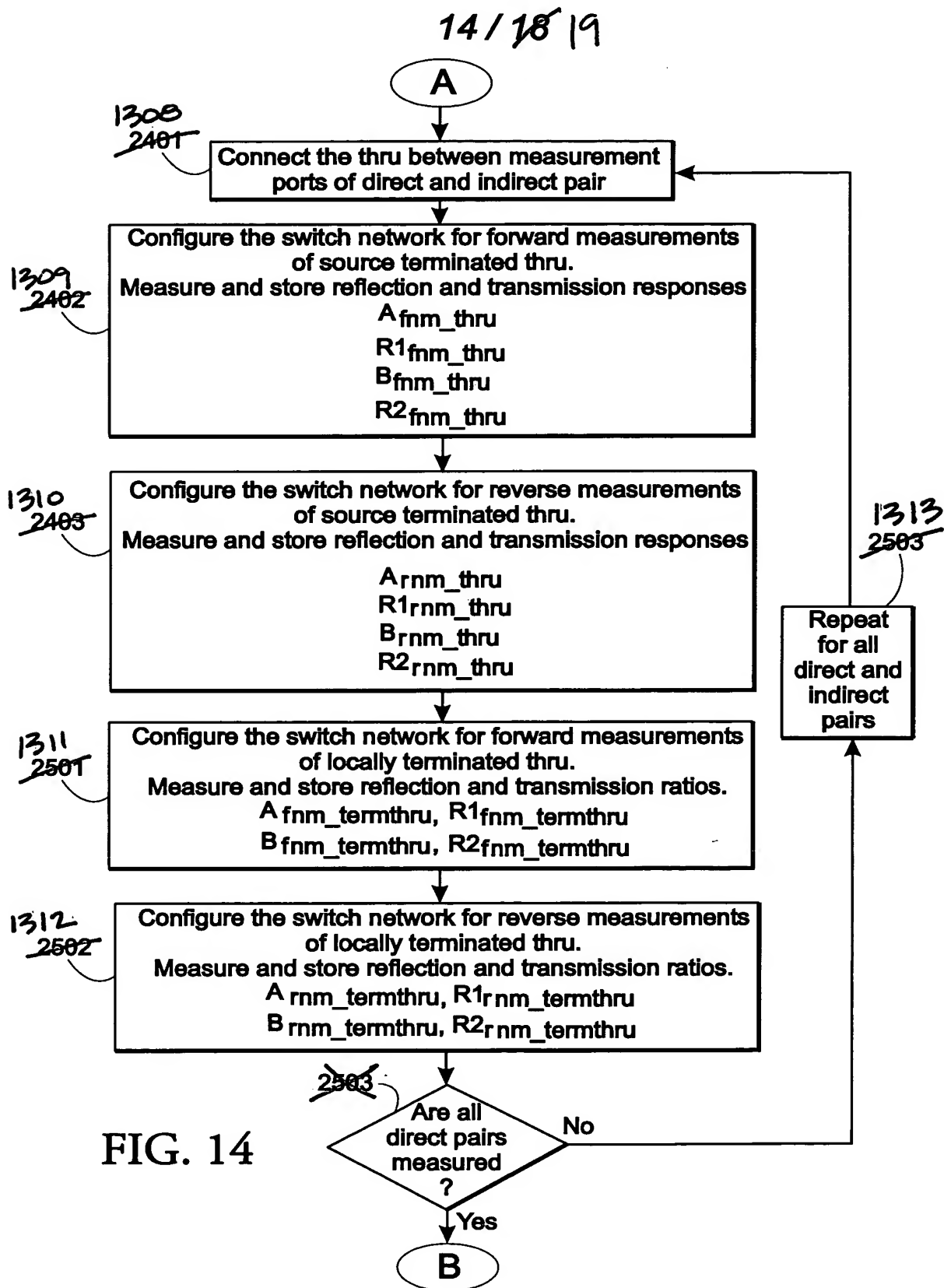


FIG. 14

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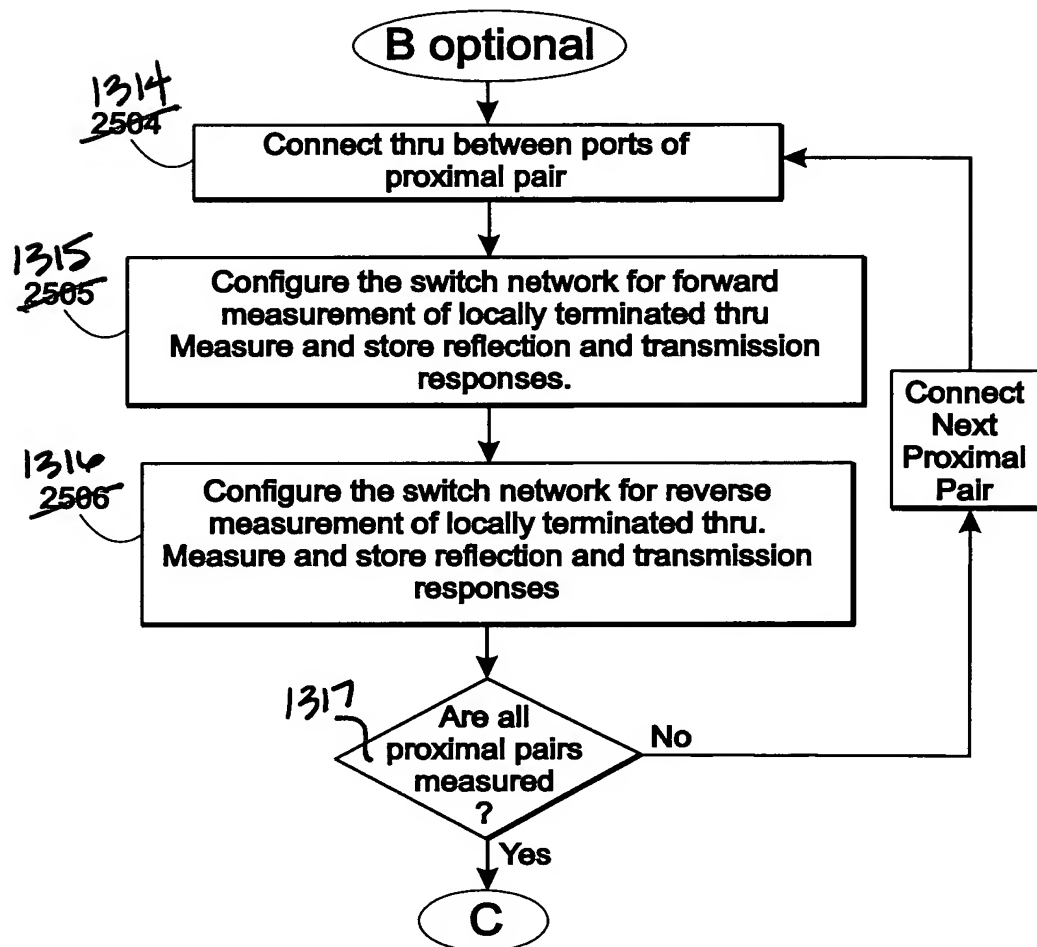


FIG. 15



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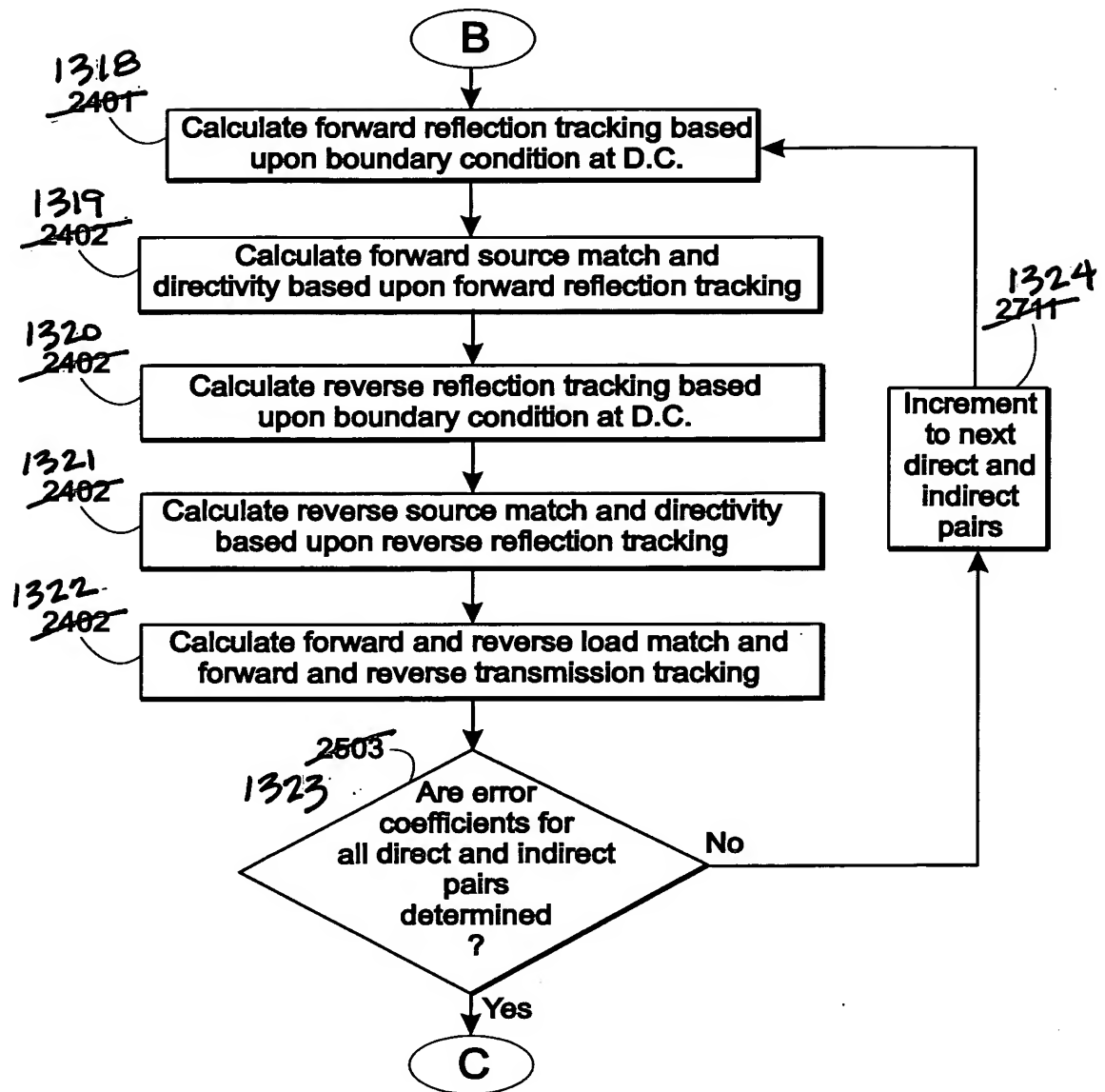


FIG. 16

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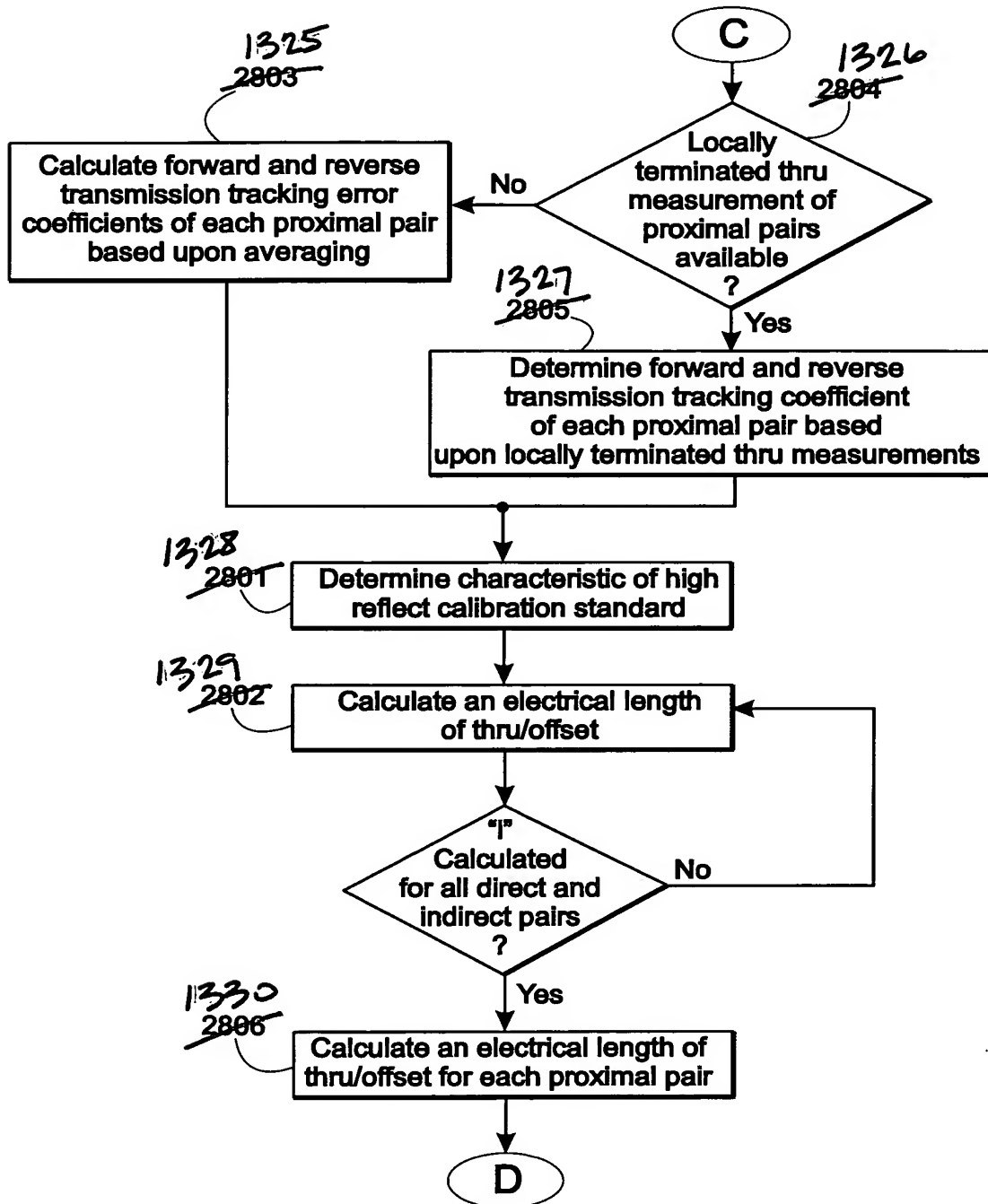


FIG. 17